

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/20353

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 405/12, 417/12, 417/14, 493/04
 US CL : 548/203, 261; 549/464

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 548/203, 261; 549/464

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 STN CAS ONLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X,E | MILLER et al. Novel arylsulfonamides possessing sub-picomolar HIV protease activities and potent anti-HIV activity against wild-type and drug-resistant viral strains. Bioorganic & Medicinal Chemistry Letters. 23 February 2004, Vol. 14, No. 4, pages 959-963, especially the top of page 960. | 15 |
| X | US 6,319,946 B1 (HALE ET AL.) 20 November 2001 (20/11/01), see entire document, especially the compound at the top of columns 163-164. | 16 |

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|--------------------------|---|--------------------------|--|
| <input type="checkbox"/> | Further documents are listed in the continuation of Box C. | <input type="checkbox"/> | See patent family annex. |
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| Date of the actual completion of the international search 07 December 2004 (07.12.2004) | Date of mailing of the international search report 11 FEB 2005 |
| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 | Authorized officer <i>Laura L. Stockton</i> Laura L. Stockton, Ph.D. Telephone No. 703/308-1235 |